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Amendments to Claims

1. (Currently amended) An ink jet printable composition comprising
  - (a) materials selected from the group consisting of conductive material; materials, dielectric materials and resistive materials;
  - (b) polyvinylpyrrolidone homopolymer, polyvinylpyrrolidone copolymer or mixtures thereof; dispersed in
  - (c) dispersion vehicle selected from organic solvent, water, or mixtures thereof;wherein the viscosity of said composition is between 5 mPa.s to 50 mPa.s at a temperature of 25 to 35°C and wherein the conductive material has a particle size of greater than 0.1 to 1.2 microns an average particle size (D50) of 0.1 to 1.2 microns wherein the composition exhibits stability for up to 24 hours.
2. (Original) The composition of Claim 1 further comprising up to 10 wt.% inorganic resinate as binder precursor.
3. (Original) The composition of Claim 2 wherein said inorganic resinate is silver resinate or a mixture of metal resinates.
4. (Cancelled)
5. (Currently amended) The composition of Claim 1 wherein said ~~organic polymer~~ polyvinylpyrrolidone homopolymer, polyvinylpyrrolidone copolymer or mixtures thereof of 1(b) is further comprised of other polymers selected from the group consisting of polymethacrylates and polyacrylates.
6. (Original) The composition of Claim 1 further comprising a monomer wherein said monomer is ultraviolet curable or thermally curable.
7. (Currently amended) The composition of Claim 6 wherein said monomer is selected from the group consisting of triethylolpropane ethoxy triacrylate, trimethylolpropane triacrylate, pentaerythritol triacrylate, pentaerythritol trimethacrylate, trimethylolpropane trimethacrylate, pentaerythritol tetraacrylate, pentaerythritol tetramethacrylate, triethylene glycol diacrylate, triethylene glycol dimethacrylate, polyoxyethylated trimethylolpropane triacrylate, ethylated

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pentaerythritol triacrylate, dipentaerythritol monohydroxypentaacrylate and 1,10-decanediol dimethlacrylate.

8. (Currently amended) The composition of Claim 1 wherein said conductive material is present in the range of 1-60 wt.%, based on total composition.

9. (Currently amended) The composition of Claim 1 wherein said organic polymer polyvinylpyrrolidone homopolymer, polyvinylpyrrolidone copolymer or mixtures thereof of 1(b) is present in the range of 1-10 wt.%, based on total composition.

10. (Original) The composition of Claim 1 wherein said dispersion vehicle is present in the range of 40-95 wt.%, based on total composition.

11. (Original) The composition of Claim 6 further comprising a photoinitiator.

12. (Previously presented) The composition of any one of Claims 1-7 wherein said organic solvent is selected from the group consisting of aliphatic alcohols, esters of aliphatic alcohols, terpenes, ethylene glycol, esters of ethylene glycol, carbitol esters and mixtures thereof.

13. (Previously presented) The composition of Claim 1 wherein said conductive material is coated with a fatty acid surfactant selected from the group consisting of stearic acid, palmitic acid, a salt of stearate, a salt of palmitate and mixtures thereof.

14. (Original) An application package which comprises a cartridge and the composition of Claim 1 wherein said cartridge is suitable to disperse said composition in an ink jet system.

15. (Currently Amended) The composition of Claim 1 wherein said composition is ~~wherein the composition exhibits stability for up to 24 hours and is suitable for inkjetting~~ may be inkjetted without further agitation.